

Title (en)

ELECTROMAGNETIC ENERGY-ABSORBING OPTICAL PRODUCT AND METHOD FOR MAKING

Title (de)

ELEKTROMAGNETISCHES ENERGIEABSORBIERENDES OPTISCHES PRODUKT UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

PRODUIT OPTIQUE ABSORBANT L'ÉNERGIE ÉLECTROMAGNÉTIQUE ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

**EP 3515706 A1 20190731 (EN)**

Application

**EP 17784423 A 20170906**

Priority

- US 201615274348 A 20160923
- US 2017050170 W 20170906

Abstract (en)

[origin: WO2018057286A1] An electromagnetic energy-absorbing optical product useful as a composite for coloring an opaque article such as a paint composite or car wrap is disclosed. The electromagnetic energy-absorbing optical product includes a polymeric substrate and a composite coating with the composite coating including first and second layers each containing a binding group component which together form a complimentary binding group pair.

IPC 8 full level

**B32B 17/10** (2006.01); **C08J 5/18** (2006.01); **C08J 7/043** (2020.01); **C08J 7/046** (2020.01); **G02B 1/10** (2015.01); **G02B 5/20** (2006.01); **G02B 5/22** (2006.01)

CPC (source: EP US)

**B32B 17/10036** (2013.01 - EP US); **B32B 17/10247** (2013.01 - EP US); **B32B 17/10761** (2013.01 - EP US); **B32B 17/1077** (2013.01 - EP US); **C08J 7/0423** (2020.01 - EP); **C08J 7/043** (2020.01 - EP US); **C08J 7/046** (2020.01 - EP US); **G02B 1/10** (2013.01 - EP); **G02B 5/206** (2013.01 - EP); **G02B 5/223** (2013.01 - EP); **B32B 2307/4023** (2013.01 - EP); **B32B 2307/42** (2013.01 - EP); **B32B 2605/00** (2013.01 - EP); **C08J 2329/14** (2013.01 - EP); **C08J 2367/02** (2013.01 - EP); **C08J 2375/04** (2013.01 - EP); **C08J 2439/00** (2013.01 - EP)

Citation (search report)

See references of WO 2018057286A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018057286 A1 20180329**; CN 109789675 A 20190521; EP 3515706 A1 20190731; EP 3515706 B1 20211124

DOCDB simple family (application)

**US 2017050170 W 20170906**; CN 201780058538 A 20170906; EP 17784423 A 20170906